

In the claims:

1. (Currently Amended) A method for rolling a metal strip in a rolling train having at least two rolling stands, and wherein the metal strip has at least two areas of different thicknesses connected via a substantially wedge-shaped transition piece, comprising setting ~~[[the]]~~ a rolling velocity of a rolling stand during rolling of the transition piece as a function of the rolling stand's forward slip, and with an addition value (Δv_1) as a function of the metal strip's temperature, and wherein the additional value is calculated using at least one neural network.
2. (Currently Amended) Apparatus for rolling a metal strip in a rolling train having at least two rolling stands, the metal strip having at least two areas of different thicknesses which are connected via a substantially wedge-shaped transition piece, comprising means for setting ~~[[the]]~~ a rolling velocity of a rolling stand during the rolling of the transition piece as a function of the rolling stand's forward slip, and with an addition value (Δv_1) as a function of the metal strip's temperature and wherein the additional value is calculated using at least one neural etwork.